What is claimed is:

1. A bioelectrical impedance measuring apparatus comprising a personal data input unit which is used in inputting personal data and a plurality of electrodes which are used in measuring bioelectrical impedance characterized in that it comprises:

a memory in which the personal data are stored via said personal data input unit; and

a control device which carries out a required control by using at least one selected electrode to store the personal data in said memory or to retrieve the personal data from said memory.

2. A bioelectrical impedance measuring apparatus according to claim 1 wherein it further comprises a power switch device responsive to a touch to any one of said electrodes for turning power on.

3. A bioelectrical impedance measuring apparatus according to claim 1 or 2 wherein it further comprises a weight scale and a display, said control device being responsive to the inputting of a predetermined number in place of the height via said personal data input unit for permitting said weight scale to measure the weight alone and for permitting said display to show the so measured weight alone.

4. A bioelectrical impedance measuring apparatus according to any of claims 1 to 3 wherein it comprises:

a bioelectrical impedance measuring circuit which measures the bioelectrical impedance appearing between selected points of a living body, on which points said electrodes are attached;

a touch-sensitive switch circuit which is responsive to a touch to any one of said electrodes for making weak current flow through the touched electrode; and

a mode switching device which switches the connection of said

electrodes from said bioelectrical impedance measuring circuit to said touch-sensitive switch circuit or inversely.

5. A bioelectrical impedance measuring apparatus according to claim 4 wherein said control device includes an internal timer for counting the length of time for which an interruption continues in the course of entry of the personal data or in the course of measurement; and said control device is responsive to the length of time thus measured exceeding a predetermined length of time for making said electrodes to be connected to said touch-sensitive switch circuit via said mode switching device, and shutting power off.